

DECLARATION

ORIGINAL
 CONTINUATION-IN-PART
 DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-2, of the invention entitled:

CLOSED-LOOP METHOD FOR CONTROLLING INSULIN INFUSION

Which is described and claimed in:

the attached specification or
 the specification in application Serial No. 10/335,275 filed December 31, 2002
 as amended on _____

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim priority benefits under Title 35, United States Code, §119 of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR
APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119
US	60/137,601	June 3, 1999	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
US	60/162,255	October 29, 1999	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

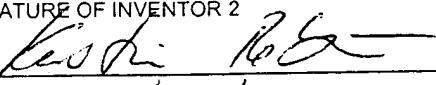
09/586,175 (Application Serial No.)	June 1, 2000 (Filing Date)	pending (Status)
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Send correspondence to:
MEDTRONIC MINIMED, INC.
18000 Devonshire Street
Northridge, CA 91325-1219

DIRECT TELEPHONE CALLS TO:
Richard K. Yoon
(818) 576-4110

1	LAST NAME STEIL	FIRST NAME GARRY	MIDDLE NAME M.	Residence: CITY PASADENA	STATE or COUNTRY CALIFORNIA
	Post Office Address 425 WALDO AVENUE, #308, PASADENA, CA 91101				
2	LAST NAME REBRIN	FIRST NAME KERSTIN	MIDDLE NAME	Residence: CITY SOUTH PASADENA	STATE or COUNTRY CALIFORNIA
	Post Office Address 817 S. GRAND AVENUE, SOUTH PASADENA, CA 91105				

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 	SIGNATURE OF INVENTOR 2 
DATE <u>02/25/03</u>	DATE <u>02/25/03</u>

Express Mail No. EL 837696816 US

PATENT
PF00486

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Garry M. Steil et al.) Group Art Unit: unknown
Serial No. unknown)
Filed: December 31, 2002) Examiner: unknown
For: CLOSED-LOOP METHOD FOR)
CONTROLLING INSULIN INFUSION)
)

POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR UNDER RULE 3.71

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned **Jeffery McCaulley** is a representative authorized to sign on behalf of the assignee of the entire interest in the above-identified subject application, **MEDTRONIC MINIMED, INC.** and hereby appoints:

Paul H. Kovelman, Reg. No. 35,228;
Cary Talbot, Reg. No. 47,123;
Richard Yoon, Reg. No. 42,247;
Vivian Shin, Reg. No. 43,919;
Harold R. Patton, Reg. No. 22,157;
Girma Wolde-Michael, Reg. No. 36,724;
Thomas G. Berry, Reg. No. 31,736;
Kenneth J. Collier, Reg. No. 34,982;
Daniel W. Latham, Reg. No. 30,401;
Curtis D. Kinghorn, Reg. No. 33,926;
Thomas F. Woods, Reg. No. 36,726;
Beth L. McMahon, Reg. No. 41,987;
Eric R. Waldkoetter, Reg. No. 36,713;
Stephen W. Bauer, Reg. No. 32,192;
Michael Soldner, Reg. No. 41,455

and all of the firm of Gates & Cooper LLP:

William J. Wood, Reg. No. 42,236
Karen S. Canady, Reg. No. 39,927
George H. Gates, Reg. No. 33,500

Victor G. Cooper, Reg. No., 39,641
Jason Feldmar, Reg. No. 39,187
Bradley K. Lortz, Reg. No. 45,472

to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventor and his attorney in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.

MEDTRONIC MINIMED, INC., per 37 C.F.R. §3.73(b), certifies that the evidentiary documents with respect to its ownership have been reviewed and that to the best of the undersign's knowledge and belief, title is in the assignee seeking this action.

MEDTRONIC MINIMED, INC., declares that 100% ownership is established by an assignment to be in the Regular Utility Patent Application, and that the Inventors are under an obligation to assign the application to **MEDTRONIC MINIMED, INC.**.

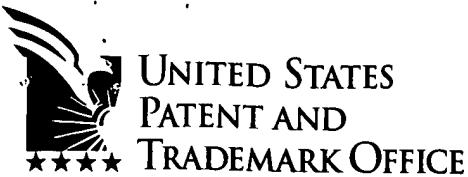
Please direct all telephone calls to Richard K. Yoon at (818) 576-4110 and all correspondence relative to said application to the following address:

Richard K. Yoon
MEDTRONIC MINIMED, INC.
18000 Devonshire Street
Northridge, CA 91325-1219

ASSIGNEE: MEDTRONIC MINIMED, INC.

Date: 12/24/07

Signature: 
Jeffery McCaulley
Title: Vice President and General Manager
Address: 18000 Devonshire Street
Northridge, CA 91325-1219



UNITED STATES
PATENT AND
TRADEMARK OFFICE

AUGUST 05, 2003

PTAS

MEDTRONIC MINIMD, INC.
RICHARD K. YOON
18000 DEVONSHIRE STREET
NORTHRIIDGE, CA 91325-1219

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102394401A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/17/2003

REEL/FRAME: 013847/0700
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
STEIL, GARRY M.

DOC DATE: 02/25/2003

ASSIGNOR:
REBRIN, KERSTIN

DOC DATE: 03/05/2003

ASSIGNEE:
MEDTRONIC MINIMED, INC.
18000 DEVONSHIRE STREET
NORTHRIIDGE, CALIFORNIA 91325-1219

SERIAL NUMBER: 10335275
PATENT NUMBER:

FILING DATE: 12/31/2002
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

01/29/04
8/14/04



03-19-2003



R

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

3-17-03

PF00486

102394401

To the Assistant Commissioner for Patents. Please record the enclosed original document or copy thereof.

1. Name of conveying party(ies):

GARRY M. STEIL
KERSTIN REBRIN

2. Name and address of receiving party(ies):

MEDTRONIC MINIMED, INC.
18000 Devonshire Street
Northridge, CA 91325-1219Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date February 25, 2003 and March 5, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
10/335,275

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Richard K. Yoon, Esq.
MEDTRONIC MINIMED, INC.
18000 Devonshire Street
Northridge, CA 91325-1219

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-0621

(Attach copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*Richard K. YoonRichard Yoon3/6/03

Date

Name of Person Signing

Signature

Total number of pages comprising cover sheet, attachments and document: [5]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

03/18/2003 ECOOPER 00000163 500621 10335275

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Assistant Commissioner for Patents
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

Attorney Docket No. PF00486

(1-3) Insert Name(s) of Inventor(s)

(1) GARRY M. STEIL
(2) KERSTIN REBRIN

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(4) Insert name of Assignee

(4) MEDTRONIC MINIMED, INC.

(5) Insert state of Incorporation of Assignee

(5) Delaware

(6) Insert address of Assignee

(6) of 18000 Devonshire Street, Northridge, CA 91325-1219
(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(7) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

(7) **CLOSED-LOOP METHOD FOR CONTROLLING INSULIN INFUSION**
for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of Signing of Application

(8) on February 25, 2003 and March 5, 2003

1) The undersigned agree(s) to execute all papers necessary in connection with an application in any country of the world and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

The undersigned hereby appoints:

Paul H. Kovelman, Reg. No. 35,228
Cary D. Talbot, Reg. No. 47,123
Richard K. Yoon, Reg. No. 42,247
Vivian S. Shin, Reg. No. 43,919

all of the firm of Gates & Cooper LLP:

William J. Wood, Reg. No. 42,236
Karen S. Canady, Reg. No. 39,927
George H. Gates, Reg. No. 33,500
Victor G. Cooper, Reg. No., 39,641
Jason Feldmar, Reg. No. 39,187
Bradley K. Lortz, Reg. No. 45,472

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 02/25/03 Signature of Inventor


Garry M. Steil

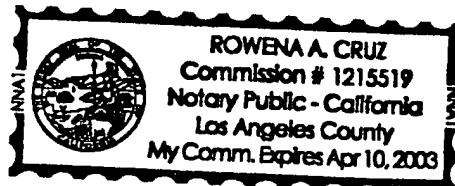
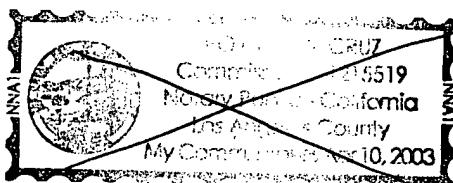
State of California

County of Los Angeles

On this Feb. 25, 2003, before me, Rowena A. Cruz, a Notary Public, personally appeared Garry M. Steil, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Rowena A. Cruz
Notary Public



Date: 02/25/03 Signature of Inventor

Kerstin Rebrin

Kerstin Rebrin

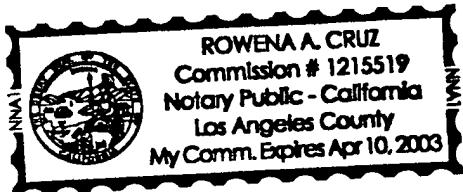
State of California

County of Los Angeles

On this Feb. 25, 2003, before me, ROWENA A. CRUZ, a Notary Public, personally appeared Kerstin Rebrin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledge to me that she executed the same in her authorized capacity, and that by her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

ROWENA A. CRUZ
Notary Public



ACCEPTANCE:

The undersigned, MEDTRONIC MINIMED, INC., a Delaware corporation, hereby declares that it has accepted the foregoing assignment.

SIGNED AND SEALED this 5th day of March, 2003.

ASSIGNEE:

**MEDTRONIC MINIMED, INC.,
a Delaware Corporation**

By:

Name: Eric P. Geismar

Title: Vice President and Senior Counsel

State of California

County of Los Angeles

On this March 5, 2003, before me, Christine Pinciro, a Notary Public,
personally appeared Eric P. Geismar, personally known to me (~~or proved to me on the basis of satisfactory
evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledge to me that he
executed the same in his authorized capacity, and that by his signature on the instrument, the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Notary Public

